Xi3® NUC Elli

SMART COMPUTING. SLEEK STYLING.

Full-Size Computing in a Pint-Size Package

The new Xi3 NUC Elli, coupled with the latest 4th generation Intel Core™ i3 processor, packs even more power features into the slimmest form factor available. Take a closer look and you'll see this fully scalable solution truly does offer smarter computing for smaller spaces.

Completely Customizable

Unlike unfinished NUC kits available elsewhere, every NUC you order from Xi3 (an award-winning pioneer in the field of small form factor computing) comes complete with your choice of SSD storage, RAM, operating system and optional Wi-Fi.

Feature-Rich Flexibility

In spite of its stunningly small size, the Xi3 NUC Elli is packed with surprisingly robust features including lightning-fast storage & memory, four USB 3.0 ports, an infrared sensor, a headphone/microphone jack, Mini HDMI* and Mini DisplayPort* video interfaces and expansion sockets for easy upgradability, ensuring you'll enjoy an extended useful life from your Xi3 NUC Elli.

Powering the Impossible

With so many features in such a small package, you'll rethink what's possible with the Xi3 NUC Elli. Need to embed the Elli in an extremely small enclosure? Looking to drive a better digital signage experience? Want to deploy full desktop functionality with thin-client economy? The Xi3 NUC Elli enables you to do things other size-constrained computers simply can't.

Visibly Smart Graphics

Equipped with Intel HD Graphics 4400, the Xi3 NUC Elli renders razor-sharp text and stunningly smooth graphics for better web browsing, prettier presentations, ultra-vivid video playback and powerful gaming performance.

Superior Speed & Security

Intel's 4th generation Core i3 processor provides ultra-responsive performance in a highly secure platform. You'll be up and running in a matter of seconds with Intel Rapid Start Technology[1] and you'll always be up to date with Intel Smart Connect Technology[2]. For added peace of mind, embedded security helps keep threats out and user identities safe.

Highlighted features

- **Processor:** Intel Core i3-4010U
- **OS:** Optional Windows 7, Windows 8, openSUSE, or Ubuntu
- **SSD Storage:** Optional 80GB, 120GB or 180GB
- **RAM:** Optional 4GB or 8GB
- Two SO-DIMM sockets for memory upgrades to 16GB
- Dual PCIe* mini card connectors for wireless & SSD support
- One Mini DisplayPort (DP 1.2), one Mini HDMI port (HDMI 1.4a)
- Dual front panel USB 3.0 ports
- Dual rear-panel USB 3.0 ports
- Intel Gigabit LAN
- 19V, 65W DC power connector
- Consumer infrared sensor
- Headphone/microphone jack

NUC Solutions from Xi3

Step into the future with the next generation of computing from Xi3 and Intel. Call 801-478-3800, email sales@Xi3.com, or order online at www.Xi3.com/desktops/Xi3-nuc.

Xi3 Corporation
www.Xi3.com

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PROCESSOR
- Intel CoreTM i3 4010U Processor (1.7 GHz Dual-Core processor with 3MB smart cache)
- Supports Intel HyperThreading Technology[3]
- Supports Intel 64 architecture[4]

GRAPHICS
- Intel HD Graphics 4400
- One Mini DisplayPort* 1.2 supporting ultra-high definition 4K displays and multiple monitor functionality
- One Mini HDMI* 1.4a port

SYSTEM MEMORY
- Dual-channel DDR3L with two connectors for 1600/1333 MHz memory support (16 GB max)
- Integrated memory configurations available through Xi3 include 4GB (1 x 4GB), 8GB (2 x 4GB)

MEMORY VOLTAGE
- 1.35 V

OPERATING SYSTEM
- Supports 64-bit, x86-based operating systems
- Integrated operating systems available through Xi3 include Windows 7, Windows 8, openSUSE Linux, Ubuntu

PERIPHERAL CONNECTIVITY
- Integrated Intel 10/100/1000 Network Connection
- Four Super Hi-Speed USB 3.0 ports: (two back panel ports and two front ports)
- Two additional Hi-Speed USB 2.0 ports via internal header

STORAGE
- Integrated SSD storage configurations available through Xi3 include 80GB, 120GB, 180GB

SYSTEM BIOS
- 64 Mb Flash EEPROM with Intel Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V3.0b, SMBIOS2.5
- Intel Visual BIOS
- Intel Express BIOS update support

FAST BOOT BIOS
- Optimized POST for almost instant-on access from power on

HARDWARE MANAGEMENT FEATURES
- Processor fan speed control
- Voltage and temperature sensing
- Fan sensor to monitor fan activity
- ACPI-compliant power management control

INTEL PRO 10/100/1000 NETWORK CONNECTION
- Low-power design
- Optional Wi-Fi available through Xi3: 802.11 a/b/g/n/ac + Bluetooth 4.0

EXPANSION CAPABILITIES
- One PCI Express* half-mini card connector[5]
- One PCI Express full-mini card connector[5]
- 1x SATA port (6 Gb/s)

AUDIO
- Intel HD Audio[6] via Mini HDMI 1.4a and Mini DisplayPort 1.2 output supporting 8 channel (7.1) digital audio
- Intel HD Audio via stereo analog audio jack (microphone in/head phone out/speaker out)

FRONT-PANEL CONNECTORS
- Reset, HDD LED, Power LEDs, power on/off

MECHANICAL CHASSIS SIZE
- 4.59 x 4.41 x 1.36-inches
- 116.6 x 112.0 x 34.5-mm

BOARD SIZE
- 4 x 4-inches
- 101.6 x 101.6-mm

BASEBOARD POWER REQUIREMENTS
- DC Power 12 - 19V, 65W
- Power Cord Options (Types B, E, & G)

ENVIRONMENT OPERATING TEMPERATURE
- 0° C to +50° C

STORAGE TEMPERATURE
- -20° C to +70° C

For a complete listing of regulations, safety standards and environmental compliance, please visit: www.xi3.com/desktops/xi3-nuc

1 — Requires a select Intel processor, Intel software and BIOS update, and a Solid-State Drive (SSD) or hybrid drive. Depending on system configuration, your results may vary. Contact your system manufacturer for more information.

2 — Intel Smart Connect Technology requires a select Intel processor, Intel software and BIOS update, Intel Wireless adapter, and Internet connectivity. Solid-state memory or drive equivalent may be required. Depending on system configuration, your results may vary. Contact your system manufacturer for more information.

3 — Available on select Intel Core processors. Requires an Intel HT Technology-enabled system. Performance will vary depending on the specific hardware and software used. For more information including details on which processors support HT Technology, visit http://www.intel.com/info/hyperthreading.

4 — Requires a system with a 64-bit enabled processor, chipset, BIOS and software. Performance will vary depending on the specific hardware and software you use. For more information, visit http://www.intel.com/info/em64t.

5 — System resources and hardware (such as PCI and PCI Express*) require physical memory address locations that can reduce available addressable system memory. This could result in a reduction of as much as 1GB or more of physical addressable memory being available to the operating system and applications, depending on the system configuration and operating system.

6 — Requires an Intel HD Audio enabled system. Sound quality will depend on equipment and actual implementation. For more information about Intel HD Audio, refer to www.intel. com/design/chipset/hdaudio.htm

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